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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/825,077 | 04/15/2004 | Julien Vittu | 61170-00031USPX | 7171 |

7590 12/08/2005
JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION
Andre M. Szuwalski
Suite 3200
1445 Ross Avenue
Dallas, TX 75202

EXAMINER

PRENTY, MARK V

| | |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

2822

DATE MAILED: 12/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/825,077

Applicant(s)

VITTU, JULIEN

Examiner

MARK PRENTY

Art Unit

2822

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-14, 17 and 18 is/are allowed.
- 6) ☒ Claim(s) 15 is/are rejected.
- 7) ☒ Claim(s) 16 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>August 26, 2004</u> . | 6) <input type="checkbox"/> Other: _____ |

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This Office Action is in response to the papers filed on April 15, 2004.

Claim 15 is rejected under 35 U.S.C. 102(e) as being anticipated by United States Patent 6,781,219 to Bissey.

With respect to independent claim 15, Bissey discloses a semiconductor package (see the entire patent, including the Fig. 1 disclosure, for example) comprising: an integrated circuit chip 12; a metal leadframe 20 to which the integrated circuit is attached, the metal leadframe including a plurality of electrical connection leads 26 made of a pressure deformable resilient material (copper alloy – see column 6, lines 43-47); a package 46 encapsulating the integrated circuit chip and metal leadframe, the plurality of electrical connection leads extending therefrom in a curved shape under a bottom surface thereof.

Claim 15 is thus rejected under 35 U.S.C. 102(e) as being anticipated by Bissey.

Claim 15 is rejected under 35 U.S.C. 102(b) as being anticipated by United States Patent Application Publication 2003/0038361 to Nakamura.

With respect to independent claim 15, Nakamura discloses a semiconductor package (see the entire patent, including the Fig. 1 disclosure, for example) comprising: an integrated circuit chip 1; a metal leadframe 10/4 to which the integrated circuit is attached, the metal leadframe including a plurality of electrical connection leads 4 made of a pressure deformable resilient material (copper – see paragraph [0058]); a package 5 encapsulating the integrated circuit chip and metal leadframe, the plurality of electrical connection leads extending therefrom in a curved shape under a bottom surface thereof.

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Claim 15 is thus rejected under 35 U.S.C. 102(b) as being anticipated by Nakamura.

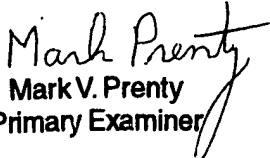
Claim 16 is objected to as being dependent upon a rejected base claim, but would be allowable over the prior art of record if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1-14, 17 and 18 are allowable over the prior art of record.

The prior art of record does not disclose or suggest the allowable claims taken as a whole.

United States Patent Application Publication 2004/0262704 is related to this application.

Registered practitioners can telephone the examiner at (571) 272-1843. Any voicemail message left for the examiner must include the name and registration number of the registered practitioner calling, and the Application/Control (Serial) Number. Technology Center 2800's general telephone number is (571) 272-2800.


Mark V. Prenty
Primary Examiner